

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. TRIPEP.056A	APPLICATION NO. 10/773,628
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Matti Sällberg	
		FILING DATE February 5, 2004	GROUP Unassigned

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
/L.H./	98.	Felding-Habermann et al., "Role of $\beta 3$ Integrins in Melanoma Cell Adhesion to Activated Platelets under Flow," <i>J. Biol. Chem.</i> , 271(10):5892-5900 (1996).
/L.H./	99.	Flock, "Extracellular-Matrix-Binding Proteins as Targets for the Prevention of Staphylococcus Aureus Infections," (1999) <i>Molecular Medicine Today</i> , Vol. 5 pp 532-537.
/L.H./	100.	Ganem, "Hepadnaviridae and Their Replication," <i>Fields Virology</i> , Third Ed., Ch. 85, pp. 2703-2705, 1996.
/L.H./	101.	GenCore sequence alignment of SEQ ID NO: 16 with the L-chain variable region of plasminogen activator antibody of JP61172900-A, Ashi Chemical Ind. KK. 4/8/1986, ID NO: p. 61027.
	102.	GLYCOPROTEINS, http://www.cs.stedwards.edu/chem/Chemistry/CHEM43/CHEM43/Glycoproteins/Glycopro.
	103.	GLYCOPROTEINS, http://www.users.rcn.com/~kimball.ma.ulmnet/BiologyPages/G/Glycoproteins.html.
/L.H./	104.	Grabowska et al., "Identification of type-specific domains within glycoprotein G of herpes simplex virus 2 (HSV-2) recognized by the majority of patients infected with HSV-2, but not by those infected with HSV-1," <i>Journal of General Virology</i> , 80(7):1789-1798 (1999).
/L.H./	105.	Greenspan et al., "Defining epitopes: It's not as easy as it seems," <i>Nature Biotechnology</i> , Vol. 17, pp. 936-937, October 1999.
/L.H./	106.	Haselline "Replication and Pathogenesis of the AIDS Virus," <i>Journal of Acquired Immune Deficiency Syndromes</i> , 1(3):217-240 and 231-236, (1988).
/L.H./	107.	Henschen A. et al., "Preliminary Note on the Completion of the β -Chain Sequence", (1997) <i>Z. Physiol. Chem.</i> , 358:1643-1646.
/L.H./	108.	Holliger et al., "Diabodies": Small Bivalent and Bispecific Antibody Fragments," <i>Proc Natl. Acad. Sci. USA</i> , 90:6444-6448, July 1993.
/L.H./	109.	Huse et al., "Generation of a large combinatorial library of the immunoglobulin repertoire in Phage Lambda," <i>Science</i> , 246:1275-1281 (1989).
/L.H./	110.	Jin et al., "Expression, Isolation, and Characterization of the Hepatitis C Virus ATPase/RNA Helicase," <i>Archives of Biochemistry and Biophysics</i> , 323:47-53 (1995).
/L.H./	111.	Katada et al., "A Novel Peptide Motif for Platelet Fibrinogen Receptor Recognition," <i>J. Biol. Chem.</i> , 272(12):7720-7726 (1997).
/L.H./	112.	Korba and Gerin, "Use of a standardized cell culture assay to assess activities of nucleoside analogs against hepatitis B virus replication," <i>Antiviral Res.</i> , 19(1):55-70 (1992), ABSTRACT ONLY.
/L.H./	113.	Korba and Milman, "A cell culture assay for compounds which inhibit hepatitis B virus replication," <i>Antiviral Res.</i> , 15(3):217-228 (1991).
/L.H./	114.	Kreitman et al., "Immunotoxins for targeted cancer therapy," <i>Advanced Drug Delivery Reviews</i> , 31:53-88 (1998).
	115.	Lazdins et al., <i>Journal of Virology</i>, 75(14):6367-6374, July 2001.
/L.H./	116.	Leanna & Hannink, "The reverse two-hybrid system: a genetic scheme for selection against specific protein/protein interactions," <i>Nucl. Acid. Res.</i> , 24(17):3341-3347 (1996).
/L.H./	117.	Lee et al., "Predominant Etiologic Association of Hepatitis C Virus with Hepatocellular Carcinoma Compared with Hepatitis B Virus in Elderly Patients in a Hepatitis B-Endemic Area," <i>Cancer</i> , 72:2564-2567 (1993).
/L.H./	118.	Levi et al., "A Complementarity-Determining Region Synthetic Peptide Acts as a Miniantibody and Neutralizes Human Immunodeficiency Virus Type 1 <i>in vitro</i> ," <i>Proc. Natl. Acad. Sci. USA</i> , 90: 4374-4378, May 1993.
/L.H./	119.	Lew et al., "Site-directed immune responses in DNA vaccines encoding ligand-antigen fusions," <i>Vaccine</i> , England, Vol. 18, No. 16, pp. 1681-1685 (2000).

EXAMINER	/Louise Humphrey/	DATE CONSIDERED	10/02/2007
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 608; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.			

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. TRIPEP.056A	APPLICATION NO. 10/773,828
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Matti Sällberg	
		FILING DATE February 5, 2004	GROUP Unassigned

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
/L.H./	120.	Li et al., "Adenovirus-mediated expression of pig $\alpha(1,3)$ galactosyltransferase reconstructs Gal $\alpha(1, 3)$ Gal epitope on the surface of human tumor cells," <i>Cell Research</i> , 11(2):116-124 (2001), http://www.cell-research.com/20012/01-2-xl.html .
/L.H./	121.	Lottspeich F. et al., "Preliminary Note on the Completion of the γ -Chain Sequence," (1977) <i>Z. Physiol. Chem.</i> , 358:935-938.
/L.H./	122.	Lowman HB, "Bacteriophage display and discovery of peptide leads for drug development," <i>Annu. Rev. Biophys. Biomol. Struct.</i> , 26:401-424 (1997).
/L.H./	123.	Machida A, et al., "Antigenic sites on the arginine-rich carboxyl-terminal domain of the capsid protein of hepatitis B virus distinct from hepatitis B core or e antigen," <i>Mol. Immunol.</i> , 26(4):431-421 (1989).
/L.H./	124.	McDevitt et al., "Characterization of the interaction between the Staphylococcus aureus clumping factor (ClfA) and fibrinogen," <i>Eur. J. Biochem.</i> , 247(1):416-424 (1997).
/L.H./	125.	McDevitt et al., "Identification of the ligand-binding domain of the surface-located fibrinogen receptor (clumping factor) of Staphylococcus aureus," <i>Molecular Microbiology</i> , 16(5):895-907 (1995).
/L.H./	126.	Milich et al., "Role of B cells in antigen presentation of the hepatitis B core," <i>Proc. Natl. Acad. Sci. USA</i> , 94:14648-14653, 1997.
/L.H./	127.	Milich et al., "The humoral immune response in acute and chronic hepatitis B virus infection," <i>Springer Semin. Immunopathol.</i> , 17:149-166 (1995).
/L.H./	128.	Milich et al., "The Nucleocapsid of Hepatitis B Virus is Both a T-Cell-Independent and a T-Cell-Dependent Antigen," <i>Science</i> , 234:1398-1401 (1986).
/L.H./	129.	Mollick et al., "Localization of a Site on Bacterial Superantigens That Determines T Cell Receptor β Chain Specificity," <i>J. Exp. Med.</i> , 177:283-293 (1993).
/L.H./	130.	Morrison et al., "Chimeric human antibody molecules: mouse antigen-binding domains with human constant region domains," <i>Proc. Natl. Acad. Sci. USA</i> , 81(21):6851-6855 (1984).
/L.H./	131.	Neuberger et al., "Recombinant antibodies possessing novel effector functions," <i>Nature</i> , 312:604-608 (1984).
/L.H./	132.	Ogg et al., "Sensitization of tumour cells to lysis by virus-specific CTL using antibody-targeted MHC class II/peptide complexes," <i>British Journal of Cancer</i> , 82(5):1058-1062 (2002).
/L.H./	133.	Owens et al., "Mapping the Collagen-Binding Site of Human Fibronectin by Expression in Escherichia Coli," <i>Embo Journal</i> , IRL Press, Eynsham, GB, Vol. 5, No. 11, pp. 2825-2830 (1986).
/L.H./	134.	Pei et al., "Functional Studies of a Fibrinogen Binding Protein from Staphylococcus Epidermidis," (1999) <i>Infection and Immunity</i> , p 4525-4530.
/L.H./	135.	Prange et al., "Chaperones involved in hepatitis B virus morphogenesis," <i>Biol. Chem.</i> , Mar. 1999, 380(3):305-314.
/L.H./	136.	Ramberg, "The Nutrition Science Site: Glyconutritionalns," http://glycoscience.com/glycoscience/document_viewer.wm?ID=719 (2000).
	137.	Rendall et al., "High throughput Chemistry toward Complex Carbohydrates and Carbohydrate-like Compounds," http://www.bentham.org/sample_issues/cchtc5-2/any/any_ms.htm
/L.H./	138.	Roivanen et al., "Antigenic regions of poliovirus type 3/Sabin capsid proteins recognized by human sera in the peptide scanning technique," <i>Virology</i> , 180:99-107 (1991).
/L.H./	139.	Rudd et al., "Glycosylation and the Immune System," <i>Science</i> , 291:2370-2376 (2001) http://sciencemag.org .
/L.H./	140.	Rudd et al., "The role of glycosylation in the immune system and inflammation," <i>Research Groups-Dept. of Biochemistry, Oxford</i> , http://www.bioch.ox.ac.uk/rgroups/rgroupsnew.asp?Group_ID=40 .

EXAMINER	/Louise Humphrey/	DATE CONSIDERED	10/02/2007
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.			

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. TRIPEP.056A	APPLICATION NO. 10/773,628
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Matti Sällberg	
		FILING DATE February 5, 2004	GROUP Unassigned

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
/L.H./	141. Rütger and Müller-Hill, "Easy identification of cDNA clones," <i>EMBO Journal</i> , 2(10):1791-1794 (1983).
/L.H./	142. Salfeld J, et al., "Antigenic determinants and functional domains in core antigen and e antigen from hepatitis B virus," <i>Journal of Virology</i> , 63(2):798-808 (1989).
/L.H./	143. Sällberg et al., "Characterization of a linear binding site for a monoclonal antibody to hepatitis B core antigen," <i>J. Med. Virol.</i> , 33(4):248-252 (1991).
/L.H./	144. Sällberg et al., "Human and murine B-cells recognize the HBeAg/beta (or HBe2) epitope as a linear determinant," <i>Mol. Immunol.</i> , 28(7):719-726 (1991).
/L.H./	145. Sällberg et al., "Immunochemical structure of the carboxy-terminal part of hepatitis B e antigen: identification of internal and surface-exposed sequences," <i>Journal of General Virology</i> , 74: 1335-1340, 1993.
	146. Sällberg et al., <i>Peptides: Chemistry and Biology</i> , pp. 715-718, 1993.
/L.H./	147. Sällberg et al., "Rapid 'tea-bag' peptide synthesis using 9-fluorenylmethoxycarbonyl (Fmoc) protected amino acids applied for antigenic mapping of viral proteins," <i>Immunology Letters</i> , 30:59-68, 1991.
/L.H./	148. Sällberg et al., "Synthetic peptides as mini antibodies," <i>Peptides: Chemistry and Biology</i> , eds. Hodges, R. and J. Rivier, ESCOM, Leiden, pp. 715-718 (1993).
/L.H./	149. Sällberg et al., "The Antigen/Antibody Specificity Exchanger: A New Peptide Based Tool for Re-directing Antibodies of Other Specificities to Recognize the V3 Domain of HIV-1 GP120," <i>Biochemical and Biophysical Research Communications</i> , 205:1386-1390 (1994).
/L.H./	150. Sällberg, M. "Ligand/Receptor Specificity Exchangers that Redirect Antibodies to Receptors on a Pathogen," U.S. Patent Application Serial Number 09/664,945, Filed September 19, 2000.
/L.H./	151. Sällberg, M. "Ligand/Receptor Specificity Exchangers that Redirect Antibodies to Receptors on a Pathogen," U.S. Patent Application Serial Number 09/664,025, Filed September 19, 2000.
/L.H./	152. Sällberg, M. "Synthetic Peptides That Bind to the Hepatitis B Virus Core and E Antigens," U.S. Patent Application Serial Number 10/153,271, Filed May 21, 2002.
/L.H./	153. Saragovi, et al., "Design and Synthesis of a Mimetic from an Antibody Complementarity-Determining Region" <i>Science</i> , 253: 792-795, August 16, 1991.
/L.H./	154. Schödel, et al., "Structure of Hepatitis B Virus Core and e-Antigen," <i>The Journal of Biological Chemistry</i> , 268:1332-1337, 1993.
/L.H./	155. Sears et al., "Toward Automated Synthesis of Oligosaccharides and Glycoproteins," <i>Science</i> , Vol. 291, pp. 2344-2350, 03/23/01, http://www.sciencemag.org .
/L.H./	156. Sequence alignment of Genseq sequence alignment of instant SEQ ID NO: 28 with the anithuman parathyroid hormone-related protein of JP04228089-A, Kaneka Corp., August 18, 1992, ID NO: AR27008.
/L.H./	157. Sequence alignment of Genseq sequence alignment of instant SEQ ID NO: 29 with anti-DNA antibody 7b3 heavy chain variable region of WO 96/36361-A1, University of Michigan, August 12, 1997, ID NO: AAW04593.
/L.H./	158. Sequence alignment of Genseq sequence alignment of instant SEQ ID NO: 33 with anti-proenkephalin antibody PE-19 of WO 9606863-A1, University of Dundee, October 9, 1996, ID NO: AAR91370.
/L.H./	159. Signals Magazine: Buzz - Glycosylation Matters 06/06/02, http://www.signalsmag.com/signalsmag.nsf/0/A08BFCD79126B34F88256BCE0011B41A .
	160. Skrivels et al., <i>Scand. J. Immunol.</i> , 37:637-643, 1993.
	161. Steinberge et al., <i>Proceedings of the Latvian Academy of Sciences, Section B</i> , 50(2):74-77, 1996.
/L.H./	162. Takahashi et al., "Acute hepatitis in rats expressing human hepatitis B virus transgenes," <i>Proc. Natl. Acad. Sci. USA</i> , 92:1470-1474 (1995).
/L.H./	163. Takeda et al., "Construction of chimaeric processed immunoglobulin genes containing mouse variable and human constant region sequences," <i>Nature</i> , 314:452-454 (1985).

EXAMINER	/Louise Humphrey/	DATE CONSIDERED	10/02/2007
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 608; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.			

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. TRIPEP.056A	APPLICATION NO. 10/773,628
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Matti Sällberg	
		FILING DATE February 5, 2004	GROUP Unassigned

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
/L.H./	164.	Taub R. et al., "A monoclonal antibody against the platelet fibrinogen receptor contains a sequence that mimics a receptor recognition domain in fibrinogen," <i>J. Biol. Chem.</i> , 264(1):259-265 (1989).
	165.	The Columbia Encyclopedia, Sixth Edition, Copyright 2002, Columbia University Press, http://www.bartleby.com/65/q/glycopro.html.
/L.H./	166.	Tramontano et al., "The Making of the Minibody: An Engineered Beta-Protein for the Display of Conformationally Constrained Peptides," <i>J. of Molecular Recognition</i> , 7(1): 9-24 (1994).
/L.H./	167.	Watt K.W.K. et al., "Amino Acid Sequence Studies on the α Chain of Human Fibrinogen Overlapping Sequences Providing the Complete Sequence," (1979) <i>Biochemistry</i> , Vol. 18, pp 5410-5416.
	168.	Watt K.W.K. et al., "Amino Acid Sequence of the β Chain of Human Fibrinogen," <i>Biochemistry</i>, Vol. 18, pp 68-76.
/L.H./	169.	Williams et al., "Design of bioactive peptides based on antibody hypervariable region structures. Development of conformationally constrained and dimeric peptides with enhanced affinity," <i>J. Biol. Chem.</i> , 266(8):5182-5190 (1991).
/L.H./	170.	Williams et al., "Development of biologically active peptides based on antibody structure," <i>Proc. Natl. Acad. Sci. USA</i> , 86(14):5537-5541 (1989).
/L.H./	171.	Winter and Milstein, "Man-made antibodies," <i>Nature</i> , 349(6307):293-299 (1991).
/L.H./	172.	P.R. Wood, H.-F. Seow, "T cell cytokines and disease prevention," <i>Veterinary Immunology and Immunopathology</i> , 54(1996) pp. 33-44.
/L.H./	173.	Zanetti M., "Antigenized Antibodies" <i>Nature</i> , 355: 476-477, January 30, 1992.
/L.H./	174.	Zhang et al., "Characterization of a monoclonal antibody and its single-chain antibody fragment recognizing the nucleoside triphosphatase/helicase domain of the hepatitis C virus nonstructural 3 protein," <i>Clin. Diagn. Lab. Immunol.</i> , 7(1):58-63 (2000).
/L.H./	175.	Zhang et al., "Molecular basis for antibody cross-reactivity between the hepatitis C virus core protein and the host-derived GOR protein," <i>Clin. Exp. Immunol.</i> , 96(3):403-409 (1994).

S:\DOCS\ESFESF-7636.DOC
031704

EXAMINER	/Louise Humphrey/	DATE CONSIDERED	10/02/2007
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 809; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.			